

VENKATESAN C

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CAREER ABSTRACT

- ❖ 2 years of Experience in R&D –CI & SI Engine, Emission & Homologation Testing.
- ❖ 3 Years of Experience in Manufacturing of automotive components
- ❖ Experience in CNC operator and programming (CNC milling, cutting machines)
- ❖ Experience in Handling Micro Hite, Surf com, Profile projector, Roundness, CMM
- ❖ Experience in Machining large parts of Turbine housing
- ❖ Experience in Handling multiple machines
- ❖ Experience in reading blue prints, machine drawing, engineering drawing, following work instructions
- ❖ Experience in Machining parts to within tolerance
- ❖ Experience in Horizontal Machining & Vertical Machining
- ❖ Experience in handling of G-Codes & M-Codes
- ❖ Experience in Tool changing & inserts of tools.
- ❖ Assisting NPCD & design people for new component development.
- ❖ Experience in 7QC, 6 Sigma, 5S, management activities
- ❖ Experience in Manpower handling in production line.
- ❖ Experience in Machining process for production of Turbine Housing for Turbo Chargers.
- ❖ Experience in Manpower deployment in CNC Process
- ❖ Experience in cross checking of quality of product as per quality standard.
- ❖ Experience in Training and development of new operators.
- ❖ Experience in Preparation & Monitoring of charts (Production process & Quality Check list) & other production related documents.
- ❖ Experience in making all type of Quality and testing related documentations.
- ❖ Experience in SI Engine – Performance & Endurance testing as per IS11170 & IS 7347 test standard.
- ❖ Experience in Combustion, Emission and Mechanical development for Gasoline & Diesel Engines.
- ❖ Experience in EPA test cycle for SI Engines.
- ❖ Experience in Ensure calibration of FCM, Dynamometer, NOX meter and Blow by meter.
- ❖ Assisting NPCD & design people for new component development.
- ❖ Experience in Calibration of Diesel engine as per Engine specifications both Automotive (BS IV) and Farm Engines (Power Tiller & Tractor– TREM III & TREM IIIA) EMISSION NORMS.
- ❖ Experience in Valve timing Measurement and optimize cam Timing.
- ❖ Experience in carry out AIS 137, ISO 8178, IS 7347, 11346, 8418, 11501,10001,12062 and 11170 testing and preparing the reports.
- ❖ Experience in Pump set performance testing as per IS 11501 & IS 11346 test std.
- ❖ Experience in Field validation of Petrol Pump sets – Monoblock & Self Priming.
- ❖ Experience in Emission measurement systems and test cell Equipment's.
- ❖ Experience in Homologation of Engine Type Approval & C.O.P testing at ARAI.
- ❖ Experience in Homologation of Light Agri Equipment (viz. Power Tiller, Power Weeder, Power Reaper, Rotavator) I.C.T & Batch testing at SRFMTTI, Anantapur.
- ❖ Experience in CI & SI Engine assembly & Dismantling.
- ❖ Experience in CI & SI Engine tear down analysis & failure investigation.
- ❖ Experience in making all type of Quality and testing related documentations.
- ❖ Experience in Analysis on rejection & rework by red bin & yellow bin analysis.
- ❖ Experience in Machine shop as a operator and have a good knowledge in machining operations and also have a good knowledge about various tools.

ACHIEVEMENTS

- ❖ Engine Type Approval & C.O.P testing at ARAI.
- ❖ LAE Product certification at FMTTIs as per IS

CAREER HIGHLIGHTS

Name of Organization	Designation	Department	Functional Area	Experience
Greaves Cotton Ltd	Engineer	R&D	Testing / Calibration - CI & SI Engine, Emission & Pump-set	Apr'18 – Apr'20
Greaves Cotton Ltd	Trainee	LAE - Production	Testing - LAE Products & Assembly	Apr'17 – Apr'18
Real Talent Engineering Pvt Ltd, Thiruvallur, Tamilnadu	GET	Production & Quality Control	Line Quality – Operator / Inspector	Jan'15 - Jan'17

Software

- ❖ AVL EDACS & SAJ DCATS
 - ❖ Combustion Optimization in AVL Indicom
 - ❖ VISU 98 for CRDI & DICOR application
 - ❖ SAP
 - ❖ Microsoft Office
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EDUCATIONAL CREDENTIALS

Qualification	Institution	Board / University	Year Of Completion	Percentage
B.E.	Alagappa Chettiar Government College of Engg. & Tech., Karaikudi - 4.	Anna University	2014	7.453 (CGPA)
H.S.C.	Govt. Boys Higher Sec. School, Ponnai, Tamilnadu.	State Board	2010	90.12
S.S.L.C.	Govt. Higher Sec. School, Rendadi, Tamilnadu.	State Board	2008	85.4

PERSONAL DETAILS

- ❖ Father name: M.CHANDIRAN
- ❖ Date of birth: 14.11.1992
- ❖ Languages known: Tamil & English
- ❖ Marital status: Single / Un married

I, hereby declare that all the details and particulars furnished above are true to the best of my knowledge and belief.

Place:
Date:

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